



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



CONFIRMATION NO. 7755

Bib Data Sheet

SERIAL NUMBER 10/661,132	FILING DATE 09/12/2003 RULE	CLASS 318	GROUP ART UNIT 2837	ATTORNEY DOCKET NO. 110003.00031.03AB131
-----------------------------	-----------------------------------	--------------	------------------------	---

APPLICANTS

Mark Melvin Harbaugh, Richfield, OH;

Semyon Royak, Beachwood, OH;

** CONTINUING DATA *****

none

** FOREIGN APPLICATIONS *****

none

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 12/05/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY OH	SHEETS DRAWING 9	TOTAL CLAIMS 26	INDEPENDENT CLAIMS 5
Verified and Acknowledged Examiner's Signature	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <i>Met after Allowance</i>	Initials			

ADDRESS

Susan M. Donahue
 Rockwell Automation, Inc.
 1201 South Second Street
 Milwaukee, WI
 53204

TITLE

Filter with increased first harmonic response and reduced phase shift in a wide frequency band for encoderless drive applications

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____
RECEIVED 1026		